



# Patent [19]

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## [54] AIR CLEANER

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## [57] ABSTRACT

**PROBLEM TO BE SOLVED:** To effectively utilize ultraviolet rays from an ultraviolet lamp and to suppress the contamination and damage of the ultraviolet lamp or a lamp protecting member at a time of the replacement of a dust collecting filter.

**SOLUTION:** A reticulated member 23 having the protective member, 6 of an ultraviolet lamp 5 and a housing 6 integrally formed therein is provided between the dust collecting filter 3 and photocatalyst filter 4 housed in the housing 2. The meshes of the reticulated member 23 are made as fine as possible so as to have a size not generating the pressure loss of air. By this constitution, the damage or contamination of the ultraviolet lamp 5 at a time of the replacement of the dust collecting filter 3 is suppressed and the strength of the housing itself is enhanced.

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